

5.8-GHz 300-Mbps Wireless Ethernet Kit

Quick Start Guide

Configure the radio as an access point, subscriber unit for multipoint-to-point applications or as a pair of bridges for point-to-point configuration.



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Step 1. Radios are preconfigured out of the box.

Step 2. Mount radios.

Step 3. Align Radios

Step 4. Attach cables.

See the user manual for advanced configuration: IP Address, frequency, SSID, encryption keys, password, multiple access points in one area, etc.

System Default Settings:

IP Address: 192.168.88.10 (Subscriber Unit)

192.168.88.12 (Access Point)

Username: admin

Password: password

Best Practices:

1. Make sure there is a clear visual path between radios before deployment.
2. Test on a bench before deployment.
3. Networking Cable:
 - CAT6 Shielded Outdoor Grade
 - Maximum length 50 ft./20 meters

Tools Needed:

- 10-mm wrench
- 12-mm wrench

What's in the Box:

LWE200A-KIT:

- (1) LWE200A radio (configured as an access point)
- (1) LWE200A radio (configured as a subscriber unit)
- (2) heavy-duty pole-mount brackets (support 1–4 inch pole)
- (2) gigabit power-over-Ethernet injectors
- (2) 18-VDC power supplies (USA plug only)
- (2) international (EU) power adapters
- This Quick Start Guide

LWE200A-AP:

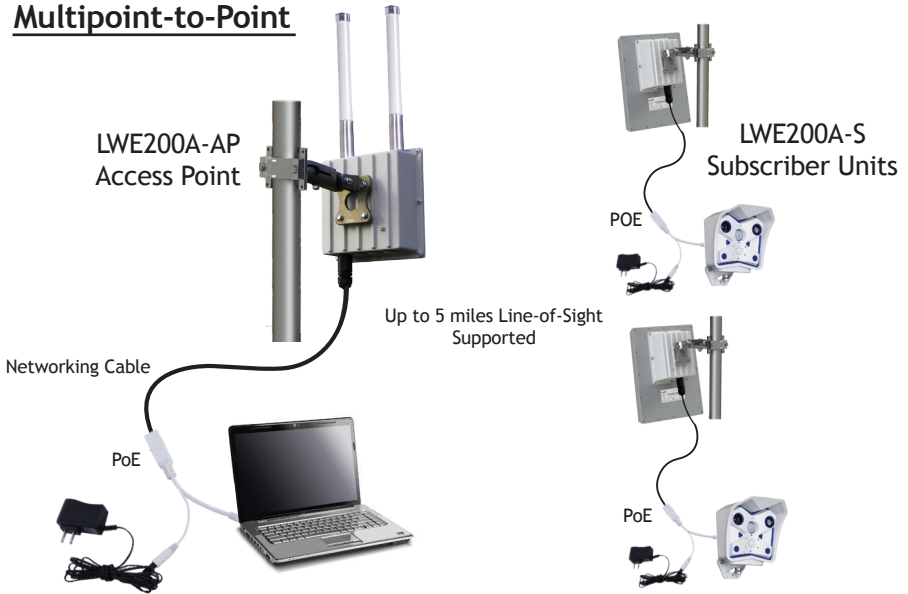
- (1) LWE200A-AP radio (configured as an access point)
- (1) heavy-duty pole-mount bracket (supports 1–4 inch pole)
- (1) gigabit power-over-Ethernet injector
- (1) 18-VDC power supply (USA plug only)
- (1) international (EU) power adapter
- This Quick Start Guide

LWE200A-S:

- (1) LWE200A-S radio (configured as a subscriber unit)
- (1) heavy-duty pole-mount bracket (supports 1–4 inch pole)
- (1) gigabit power-over-Ethernet Injector
- (1) 18 VDC power supply (USA plug only)
- (1) international (EU) power adapter
- This Quick Start Guide

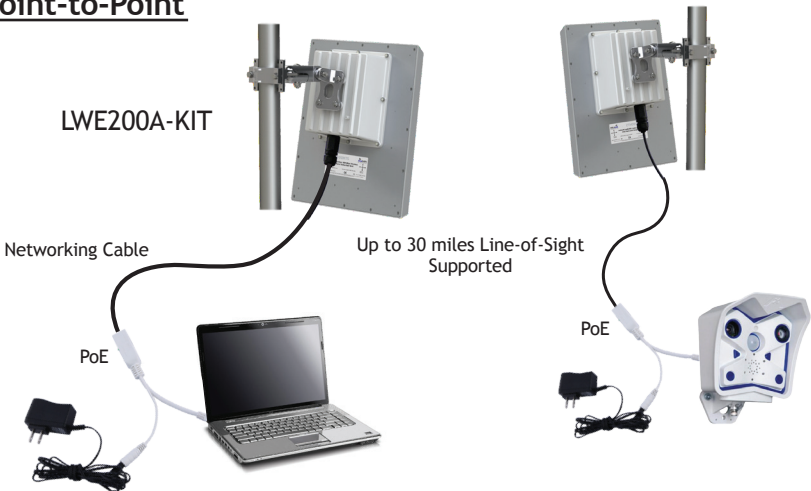
To download the user manual, go to ftp://ftp.blackbox.com/manuals/L/LWE200A_user.pdf, or visit the Black Box Web site (blackbox.com) and enter LWE200A in the search bar.

Multipoint-to-Point



*Networking cable not provided

Point-to-Point



*Networking cable not provided

Troubleshooting

Power:

- Check that the PoE cabling matches the illustration.
- Check the network connection on your switch and verify that all RJ-45 cables are plugged in properly.
- Only use the PoE injector supplied.
- Make sure the 110-VAC power source is providing clean and consistent AC power to the 18-VDC power supply.

Signal Quality:

- Ensure line of sight (LOS).
- Check the signal strength in the Web interface (-20 dB is excellent strength and -80 dB is weak).

Web Interface:

- Refer to the user manual for detailed setup information.
- Plug the RJ-45 male side of PoE directly into the computer and verify network status shows "connected."
- Verify that the local computer's network settings are in the same IP subnet range as the radio (for example, if the radio's IP address is 192.168.88.10, then the computer's IP address should be 192.168.88.200).

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About Black Box

Black Box provides an extensive range of networking and infrastructure products. You'll find everything from cabinets and racks and power and surge protection products to media converters and Ethernet switches all supported by free, live 24/7 Tech support available in 60 seconds or less.

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